

NEW SITE IDENTIFICATION

Document No. 10579

Part A – To Be Completed By Observer

1. Person Initiating Report: R. S. Cain

Phone: 533-4110

Contractor WAG Manager: Harry Williams

Phone: 526-2638

2. Site Title: Abandoned buried acid line TRA-631 to TRA-671 (TRA-59)

3. Describe the conditions that indicate a possible inactive or unreported waste site. Include location and description of suspicious condition, amount or extent of condition and date observed. A location map and/or diagram identifying the site against controlled survey points or global positioning system descriptors shall be included to help with the site visit. Include any known common names or location descriptors for the waste site.

A buried acid line goes from TRA-631 (Acid and Caustic Pump House) to TRA-671 (ATR Secondary Pump House). Both pump houses are operational. The line is approximately 1000 feet long of 3 inch carbon steel piping. This line was used to transfer acid from the bulk acid tanks to the systems in the ATR Secondary Coolant systems. The acid is suspected to have contained Mercury (Hg) as found at a similar site (the acid transfer line from TRA 631 to TRA 645). A map is attached as Figure 1. This line was installed during ATR construction (1962-63) but has not been used since 1992.

Part B – To Be Completed By Contractor WAG Manager

4. Recommendation:

☒ This site meets the requirements for an inactive waste site, requires investigation, and should be included in the INEEL FFA/CO Action Plan. Proposed Operable Unit assignment is recommended to be included in the FFA/CO.
WAG: 2 Operable Unit: 2-14

☐ This site DOES NOT meet the requirements for an inactive waste site, DOES NOT require investigation and SHOULD NOT be included in the INEEL FFA/CO Action Plan.

5. Basis for the recommendation:

This acid line runs from TRA-631, Acid Pump House, to the ATR Secondary Pump house (TRA-671). The line was used to transfer sulfuric acid from the bulk acid tanks to systems associated with the ATR. The industrial grade sulfuric acid supplied was suspected to have mercury contamination. The line was evacuated with air in 1992, and there is no evidence of corrosion. The pipeline was disconnected and blind-flanged in the Acid Pump House (TRA-631) and in the Secondary Pump House (TRA-671). Since the line has been abandoned, it must be considered a potential CERCLA release site. Further evaluation is required to completely estimate the risks from all contaminants potentially in the line. Since the line runs from above grade to approximately 10 feet below grade, any soil disturbance along the pipeline would include potential exposure pathways of ingestion and inhalation of contaminated soil. There are no interfaces with other programs.

The basis for recommendation must include: (1) source description; (2) exposure pathways; (3) potential contaminants of concern; and (4) descriptions of interfaces with other programs, as applicable (e.g., D&D, Facility Operations, etc.)

6. Contractor WAG Manager Certification: I have examined the proposed site and the information submitted in this document and believe the information to be true, accurate, and complete. My recommendation is indicated in Section 4 above.

Name: Harry Williams

Signature:

Harry Williams

Date:

12/21/98

TRA SITE PLOT PLAN

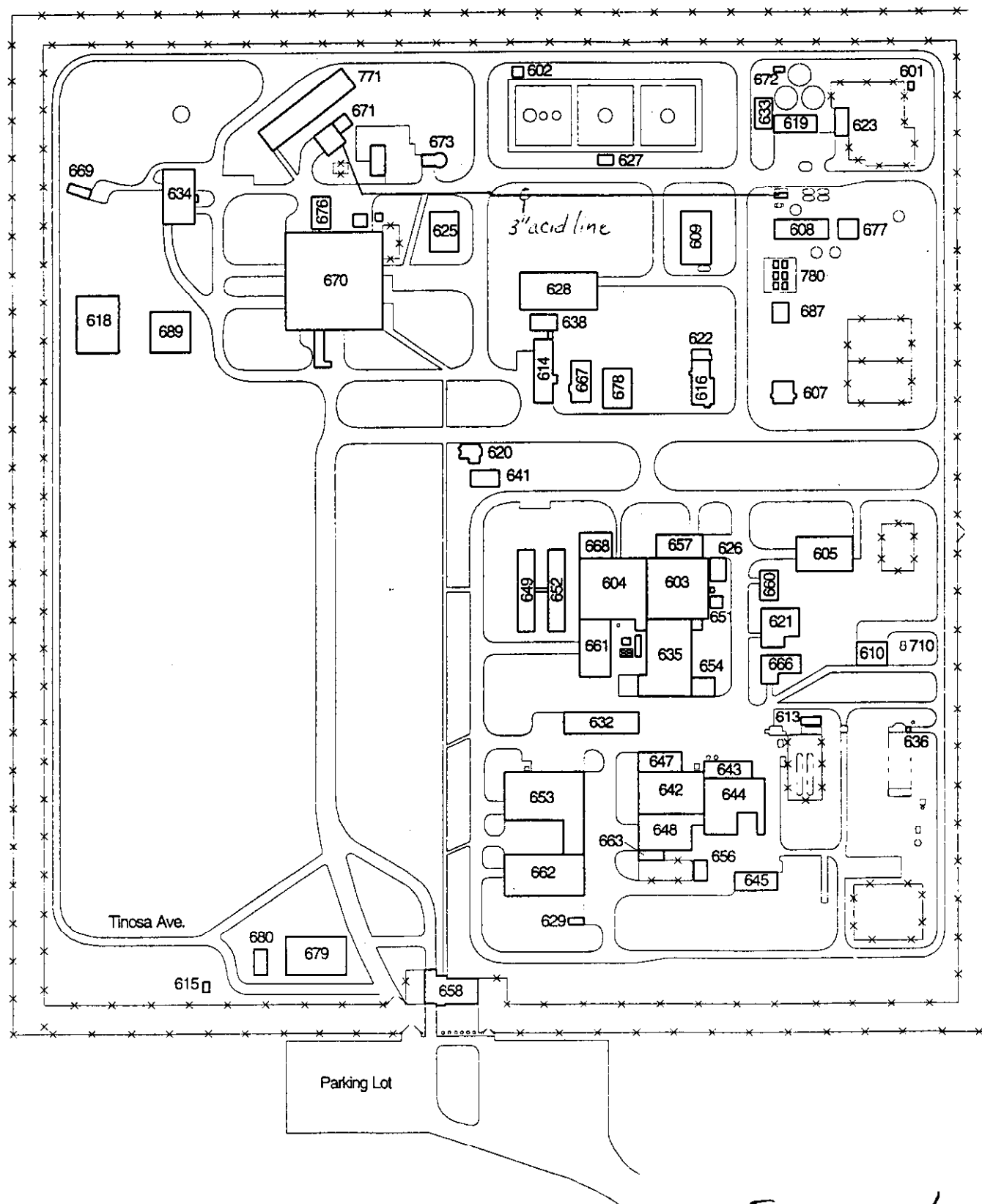


FIGURE 1

NEW SITE IDENTIFICATION

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COMMUNITY PROGRAMS

Part C - To Be Completed By DOE WAG Manager

7. DOE WAG Manager Concurrence:

WAG Operable Unit:

☒ Concur with recommendation.

☐ Do not concur with the recommendation. Explanation follows:

Name: GLENN NELSON Signature: Glenn E. Nelson Date: 24 DEC 98

Part D - To Be Completed By The INEEL FFA/CO Responsible Program Managers (RPM's)

8. FFA/CO RPM's Concurrence: TRA-59 NSIE dtd 12/21/98 Reed

For DOE-ID

Name: Kathleen Hain Signature: Kathleen E Hain Date: 12/24/98 ☒ Concur
☐ Do not concur. Explanation follows:

For EPA Region X

Name: Wayne Pierre Signature: Wayne Pierre Date: 3/14/99 ☒ Concur
☐ Do not concur. Explanation follows:

For State of Idaho

Name: Dean Nygard Signature: Dean Nygard Date: 3/30/99 ☒ Concur
☐ Do not concur. Explanation follows: